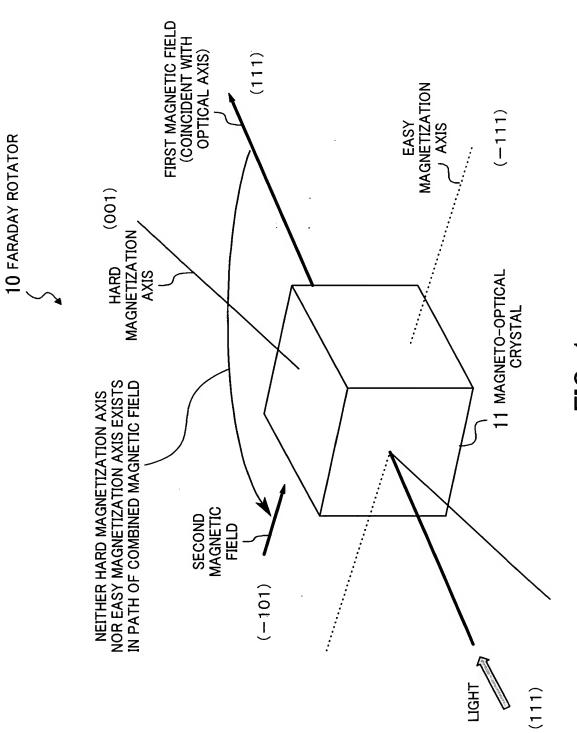
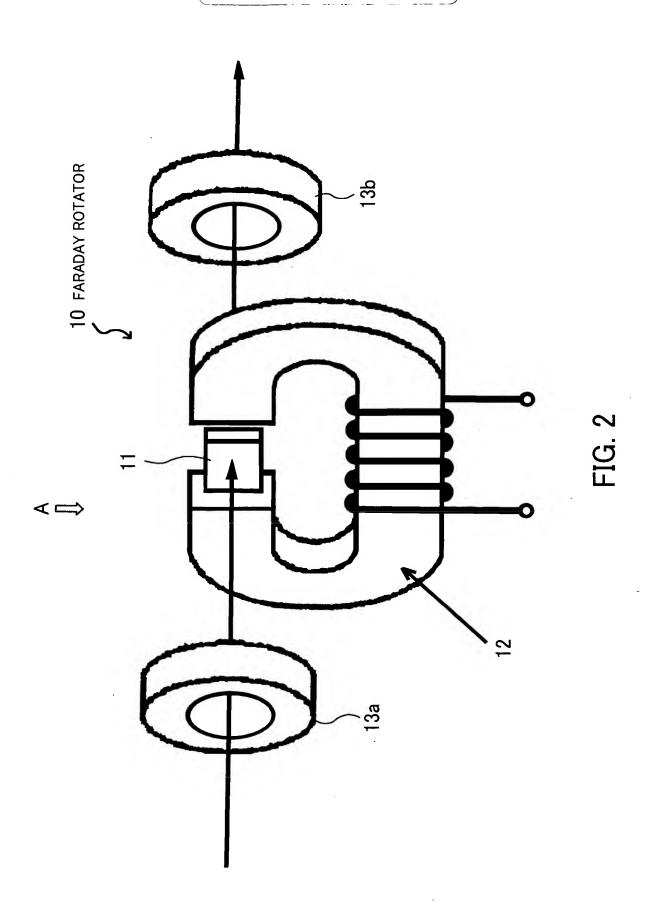
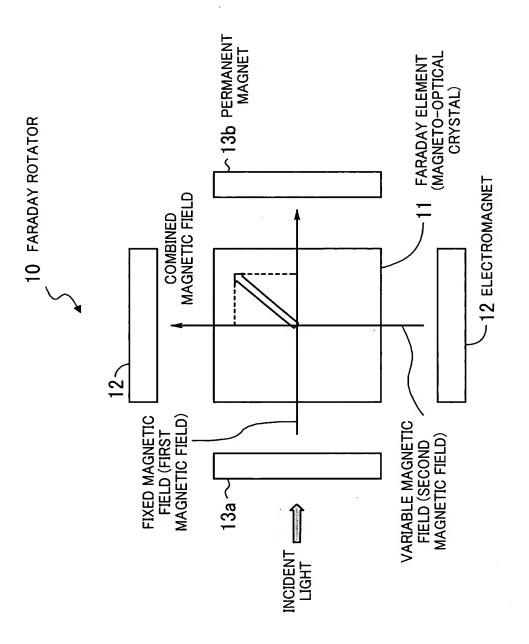


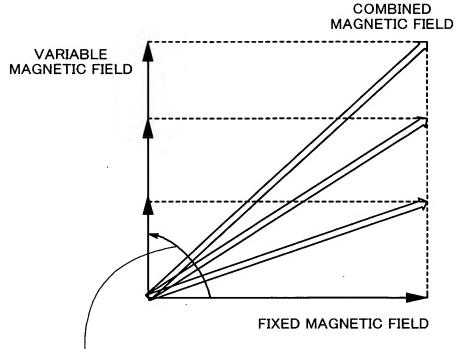
. J. 16 7



F. . .







ENTIRE DIRECTIONAL RANGE OF COMBINED MAGNETIC FIELD WHICH INCLUDES NEITHER EASY MAGNETIZATION AXIS NOR HARD MAGNETIZATION AXIS THAT IMPART MAGNETIC ANISOTROPY.

FIG. 4

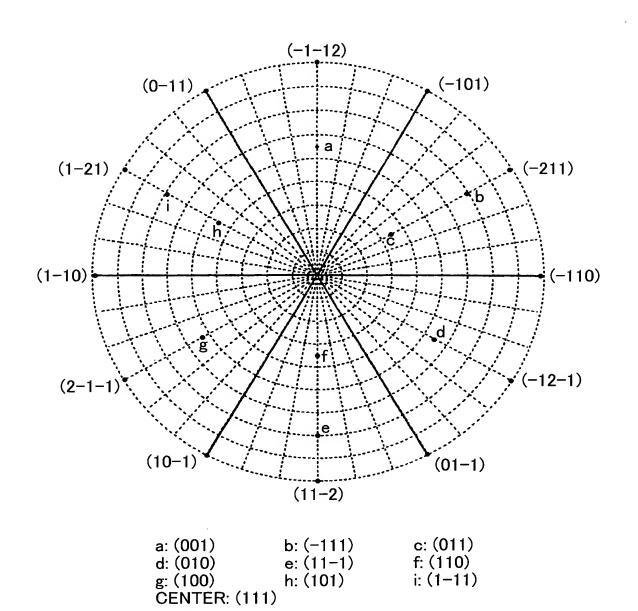
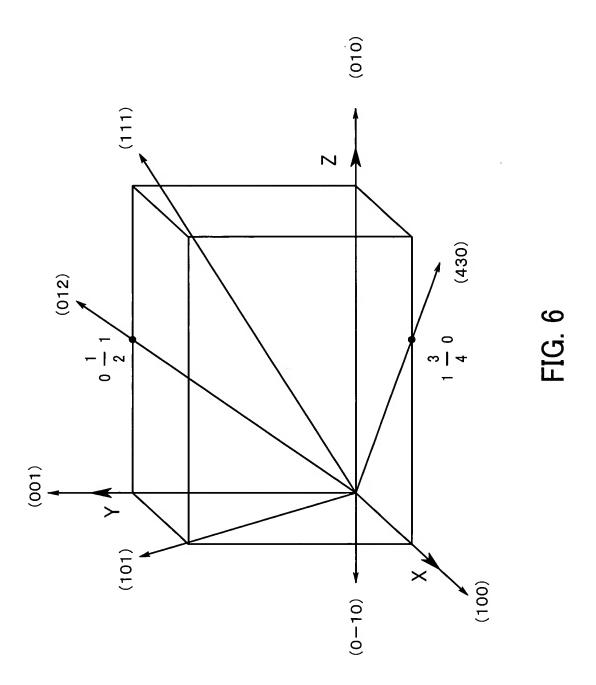
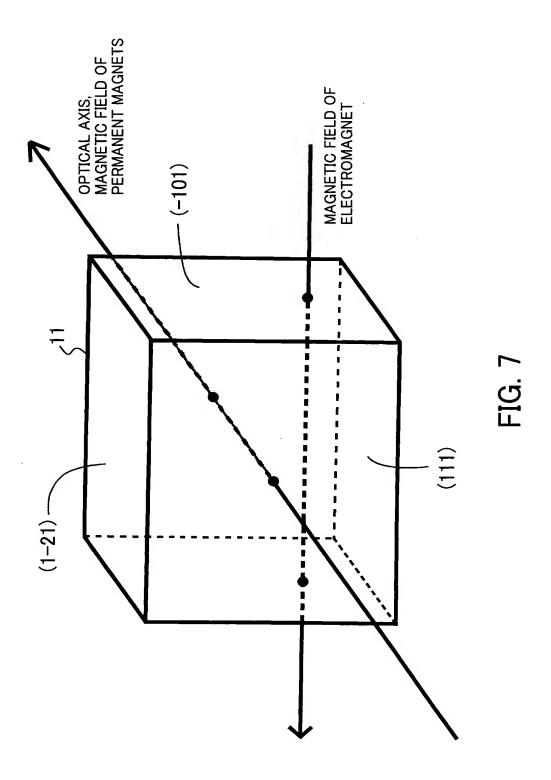
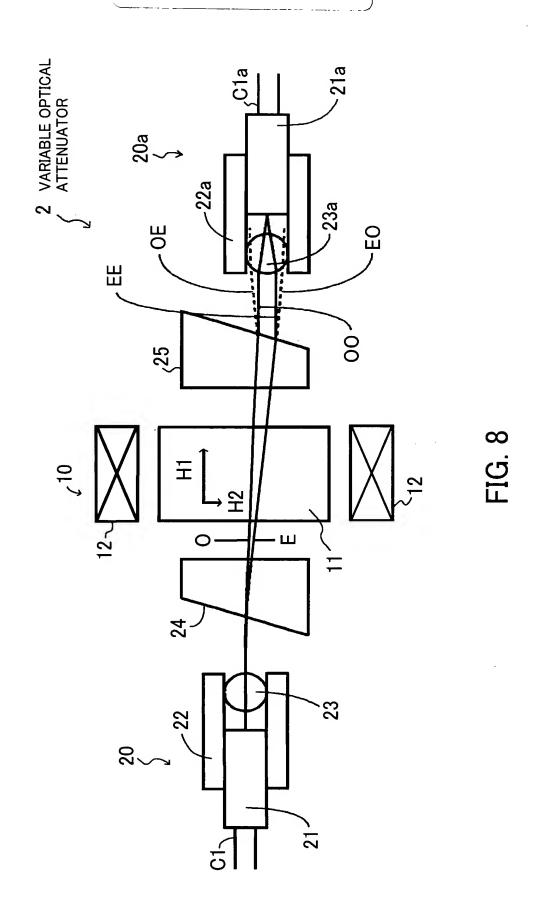


FIG. 5







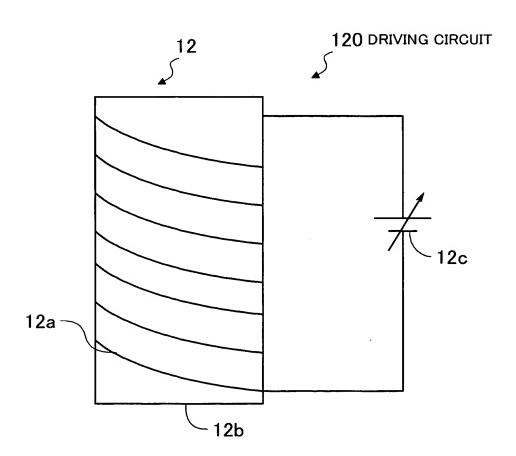
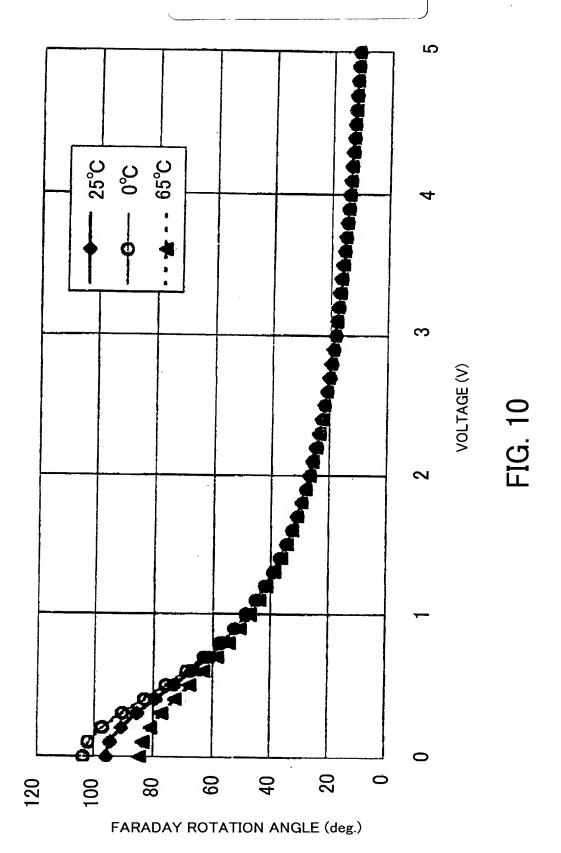
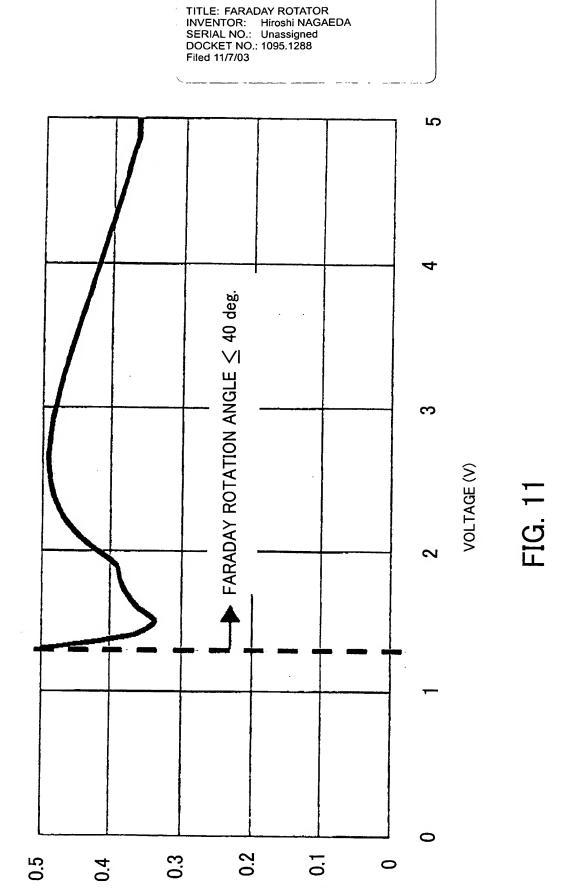


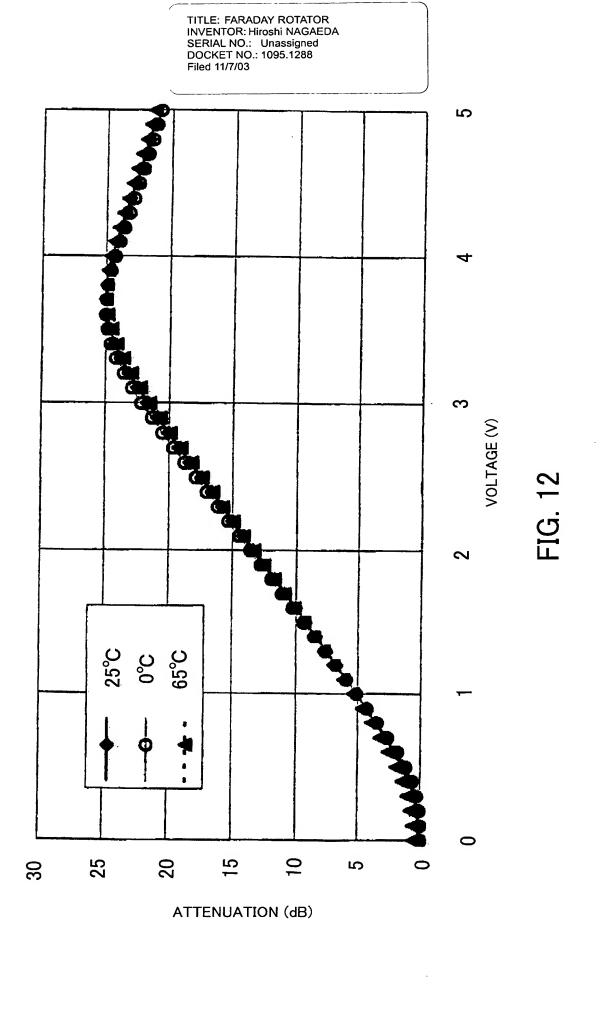
FIG. 9

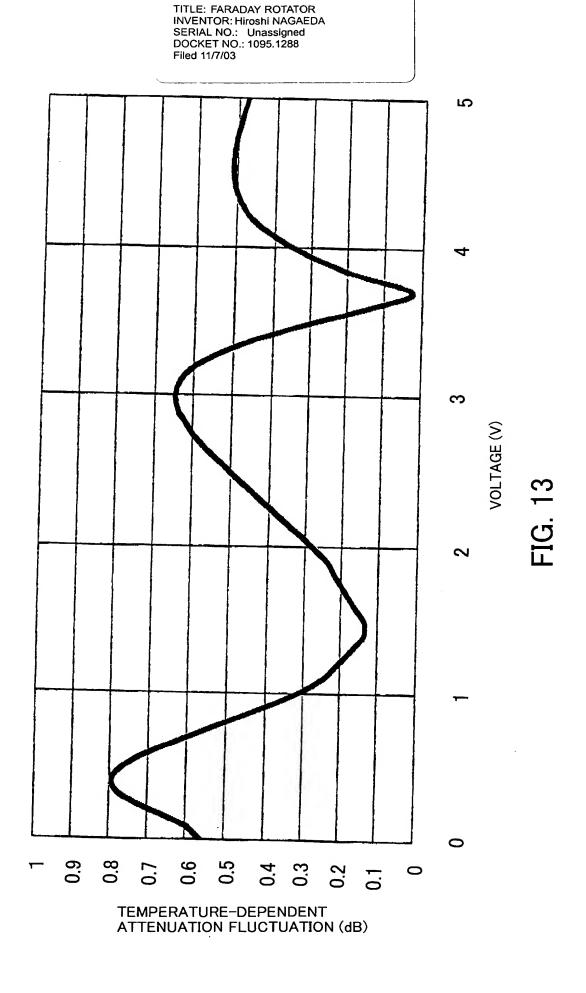
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TEMPERATURE-DEPENDENT ROTATION ANGLE FLUCTUATION (deg.)





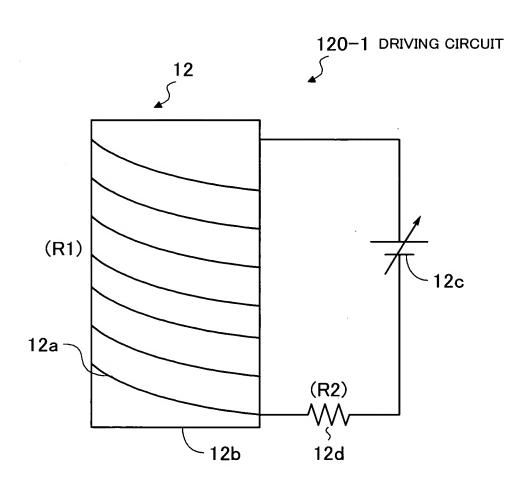
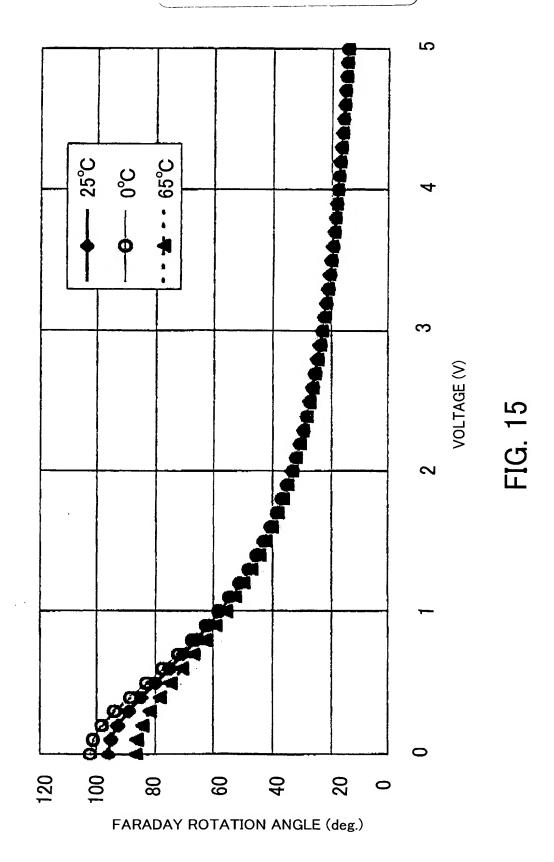
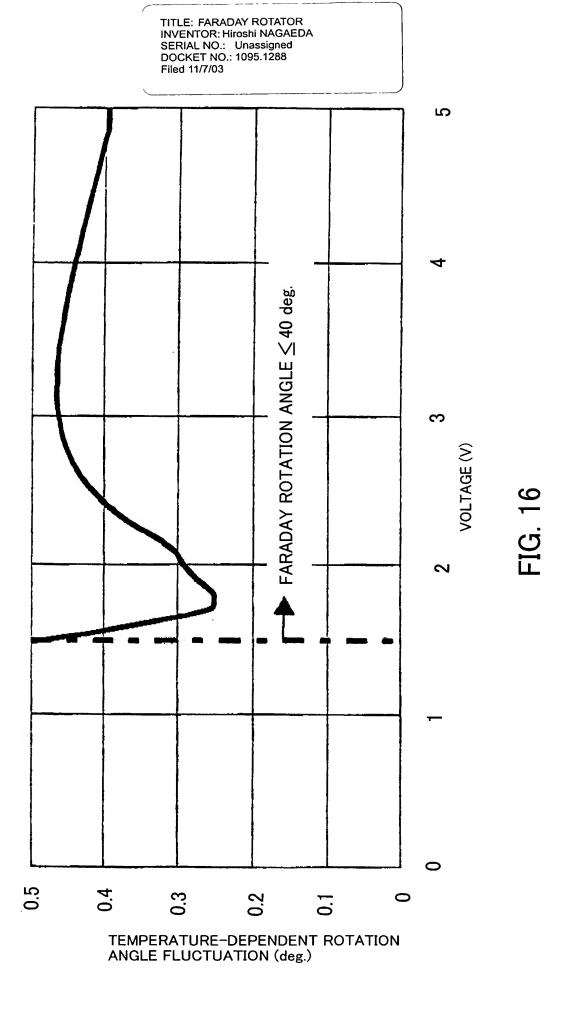
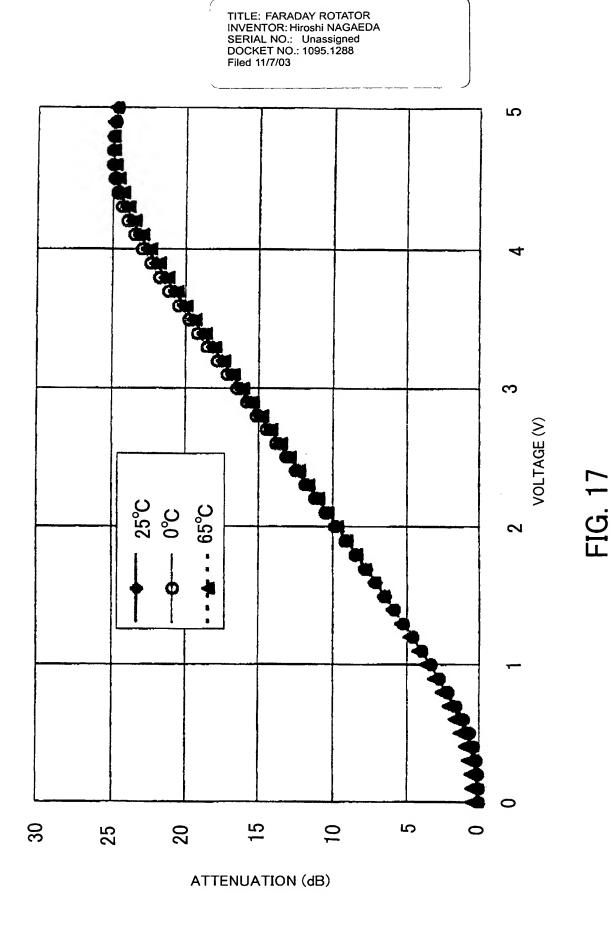
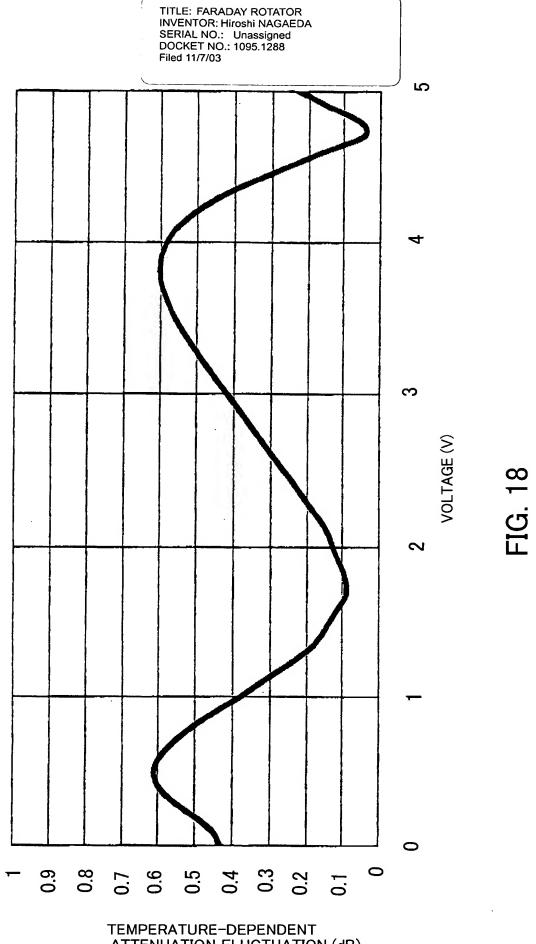


FIG. 14

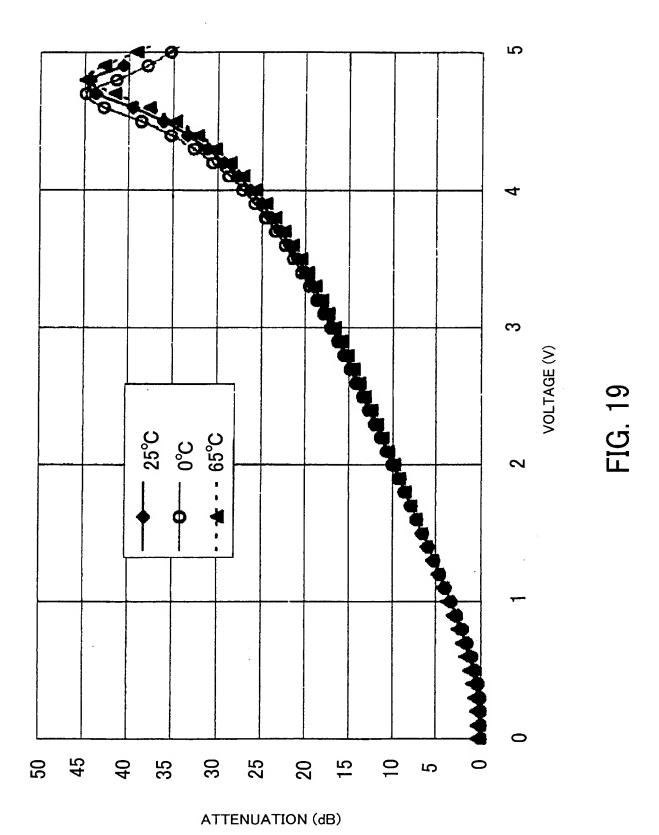








ATTENUATION FLUCTUATION (dB)



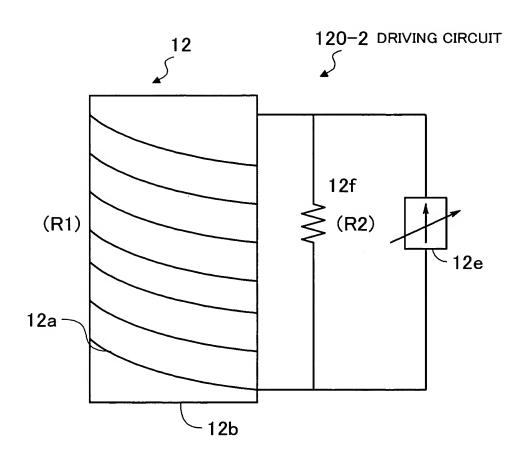
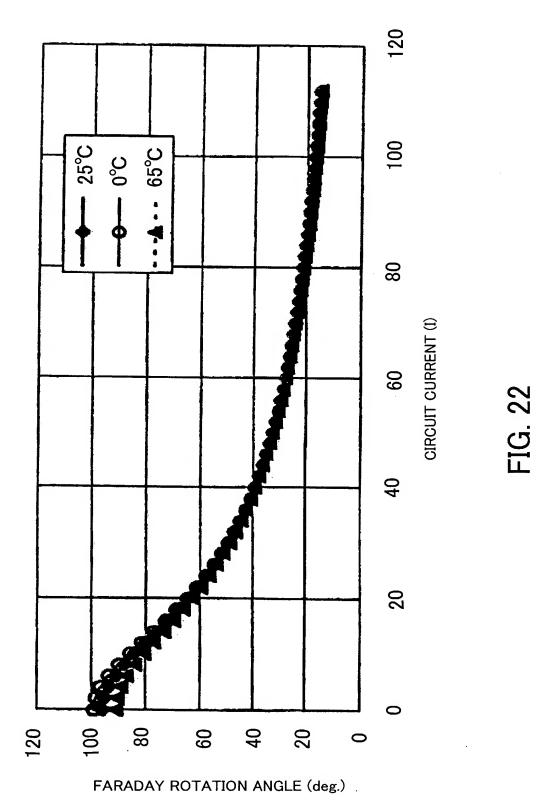
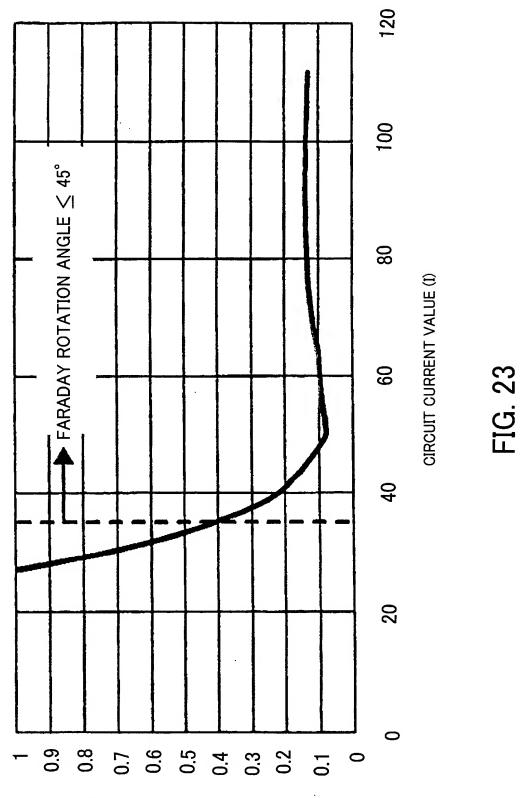


FIG. 20

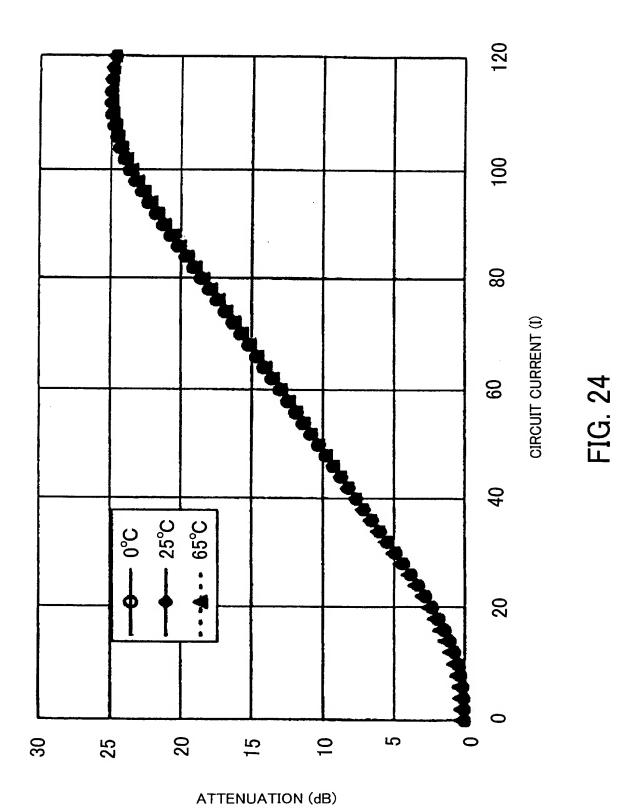
		$R2 \rightarrow 0$	R2 = R1	R2 → ∞
dic/at	EXCITATION BY CONSTANT- VOLTAGE SOURCE	(IC/R1)(dR1/dT)	(IC/2R1)(dR1/dT)	0
	EXCITATION BY CONSTANT- CURRENT SOURCE	(IC/R1)(dR1/dT)	(IC/2R1)(dR1/dT)	0
*	EXCITATION BY CONSTANT- VOLTAGE SOURCE	R1IC ²	2R1IC ²	8
	EXCITATION BY CONSTANT- CURRENT SOURCE	8	2R1IC ²	R11C ²

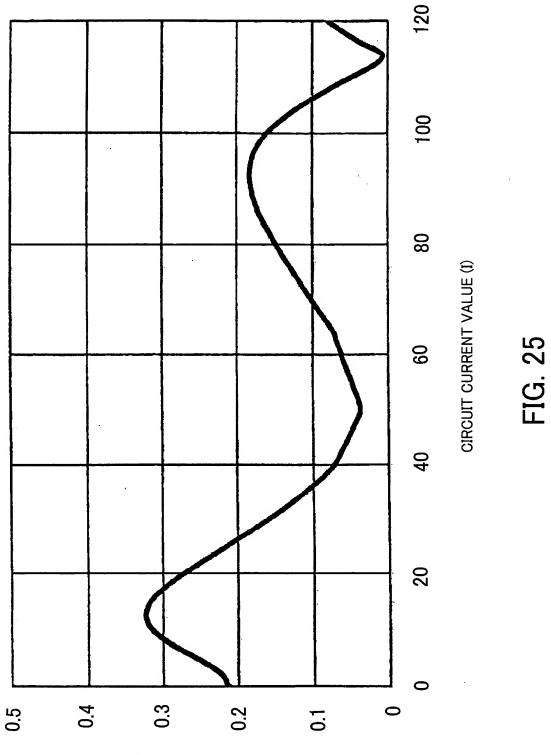




TEMPERATURE-DEPENDENT ROTATION ANGLE FLUCTUATION (deg.)

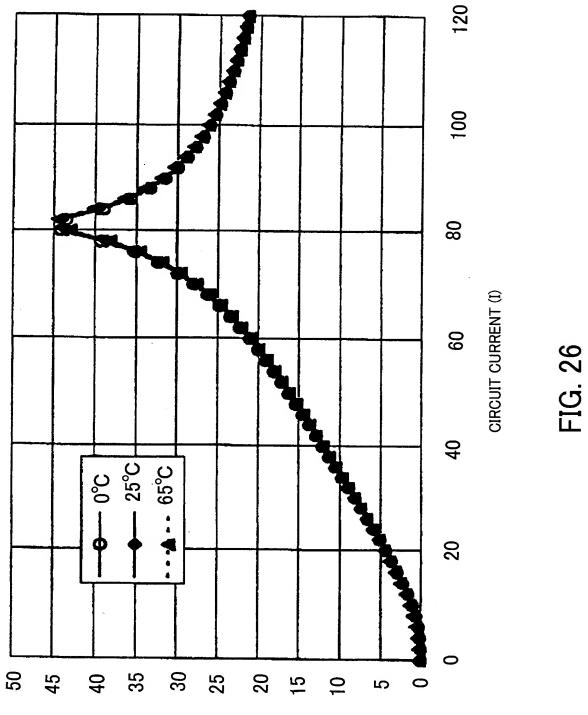






TEMPERATURE-DEPENDENT ATTENUATION FLUCTUATION (dB)

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ATTENUATION (dB)

TITLE: FARADAY ROTATOR INVENTOR: Hiroshi NAGAEDA SERIAL NO.: Unassigned DOCKET NO.: 1095.1288 Filed 11/07/03 C1a 31a 30a) 38 36 <37 H2r_ 불 35b. 34a 32 30

3 VARIABLE OPTICAL EQUALIZER

FIG. 27

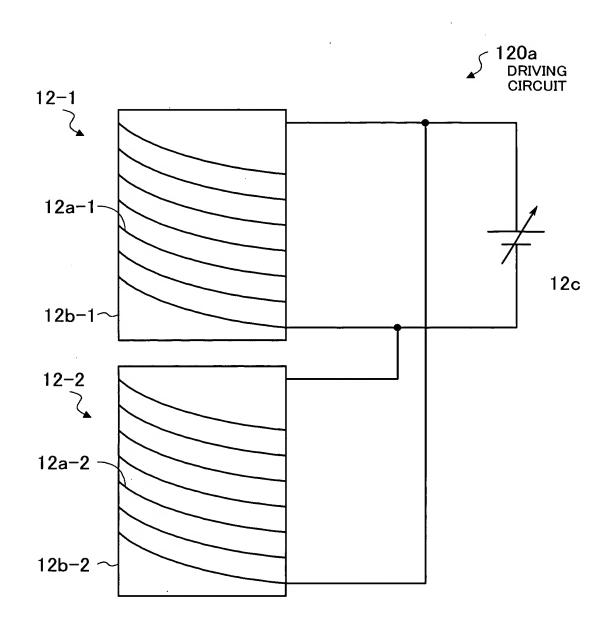


FIG. 28

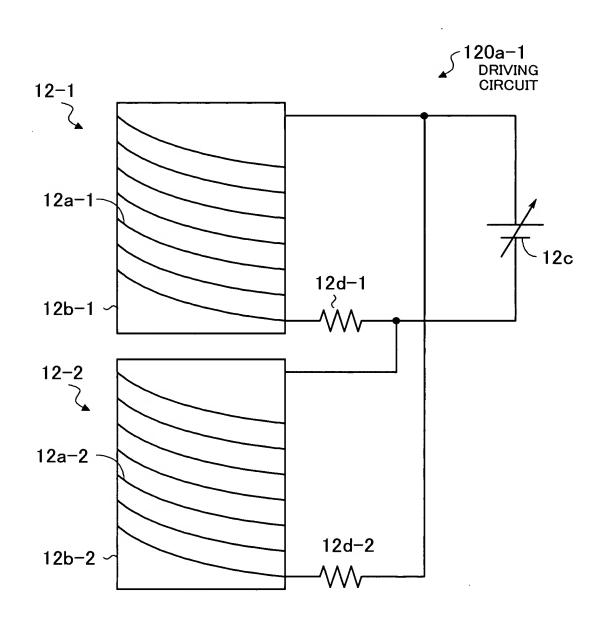
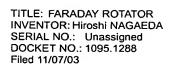
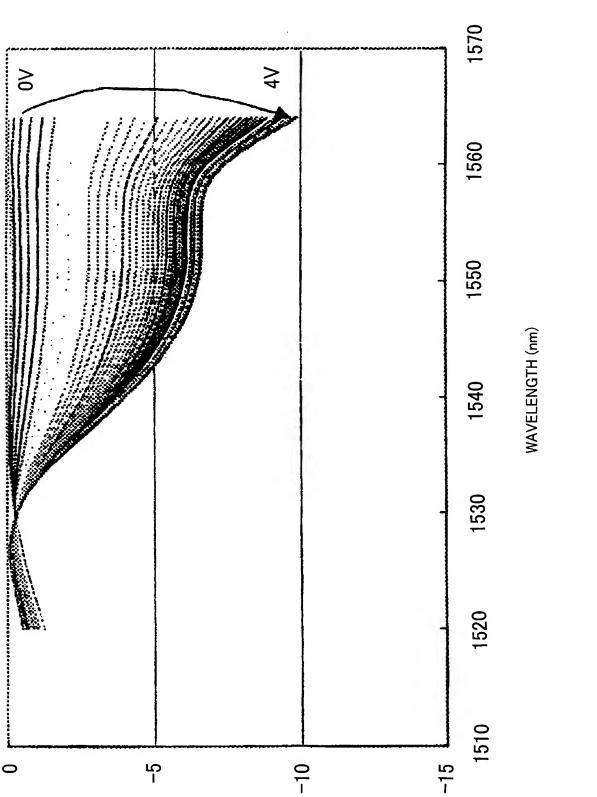


FIG. 29



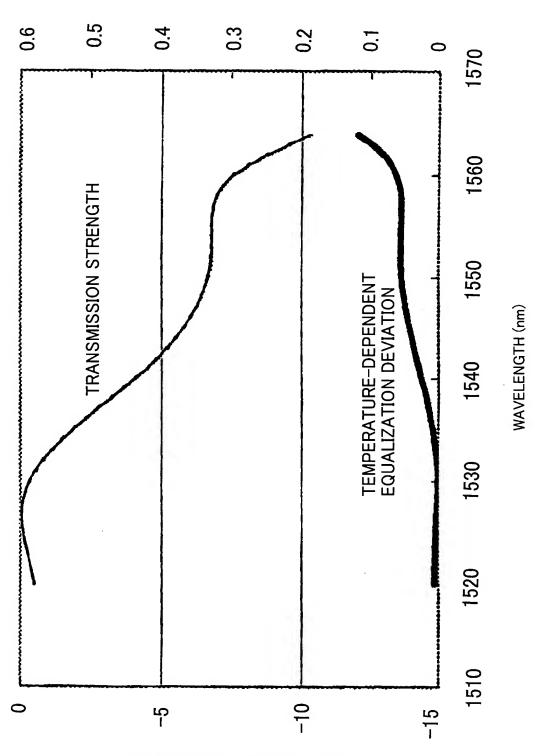


TRANSMISSION STRENGTH (dB)

FIG. 30

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TEMPERATURE-DEPENDENT **EQUALIZATION DEVIATION (dB)**



TRANSMISSION STRENGTH (dB)

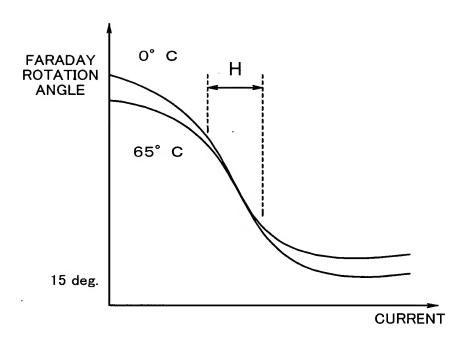
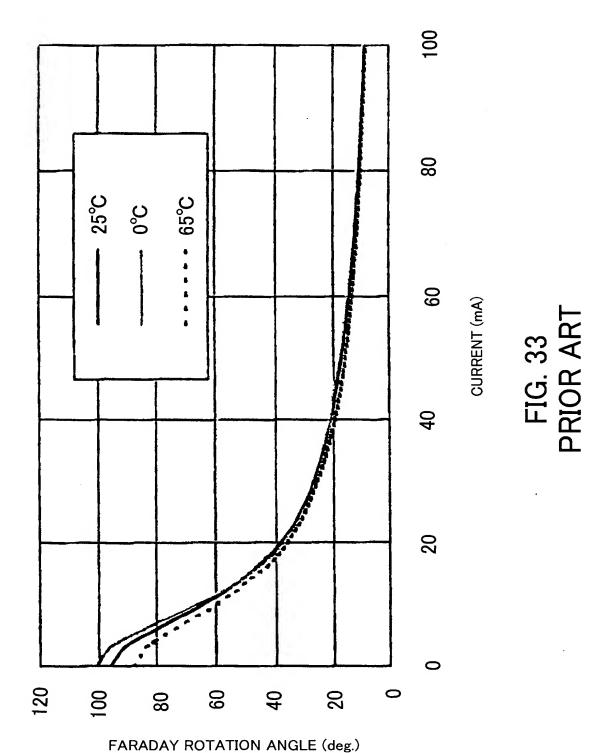
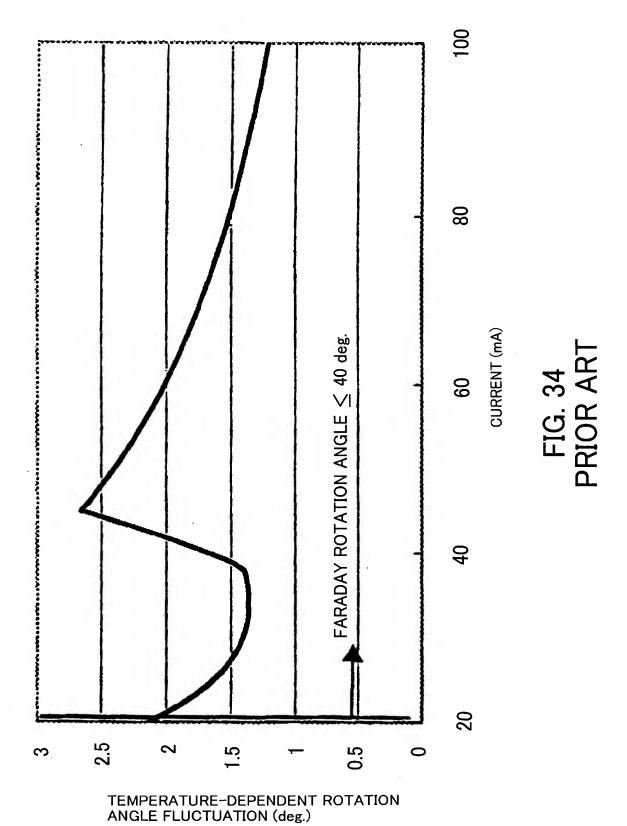


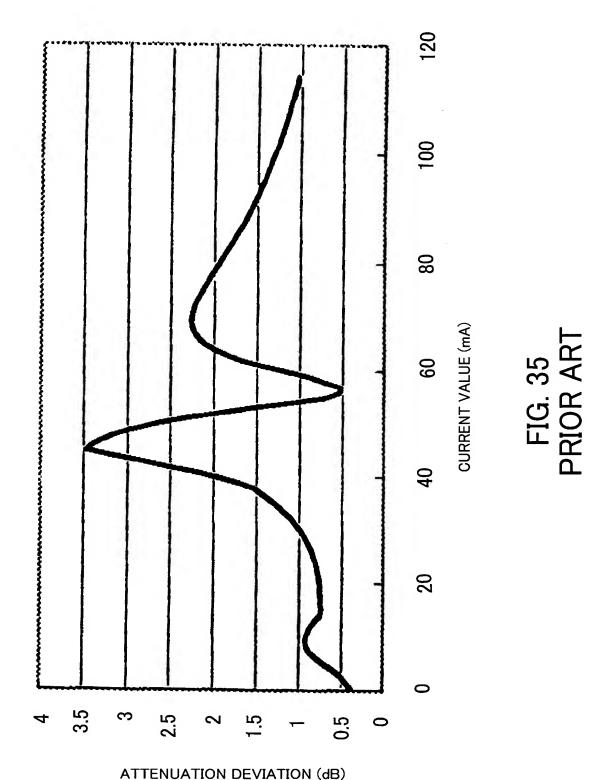
FIG. 32 **PRIOR ART**

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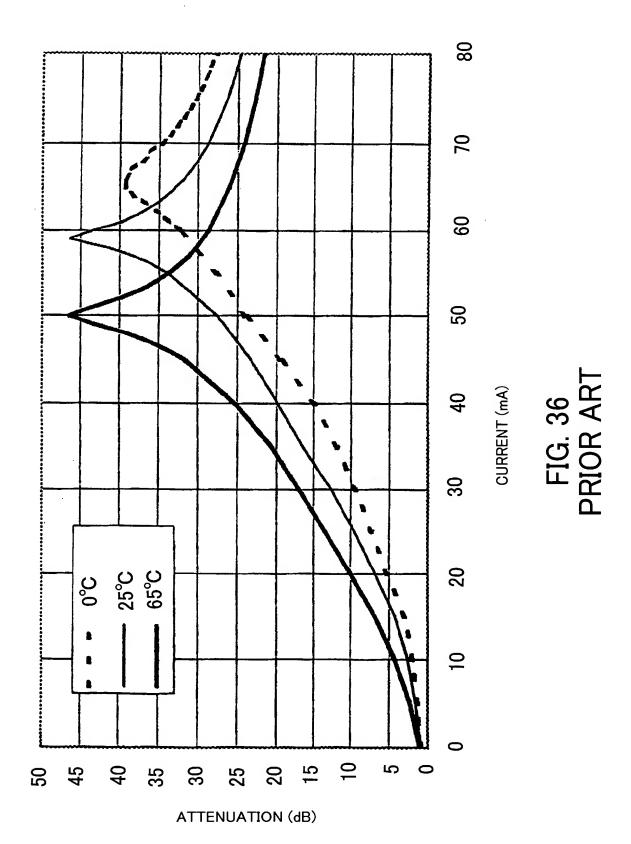


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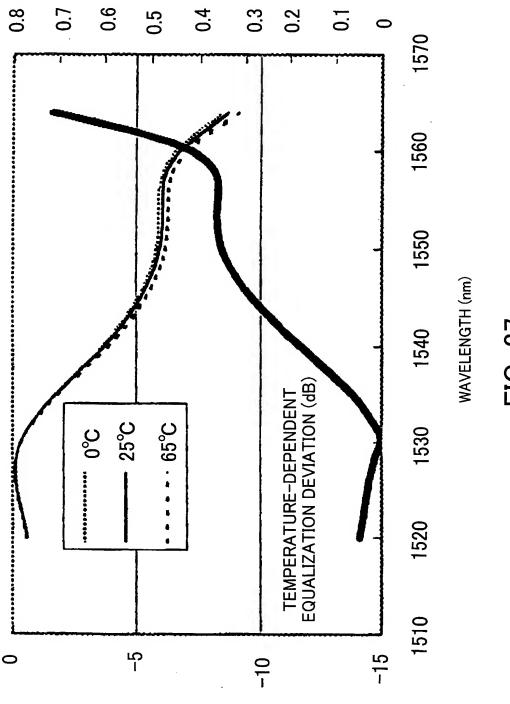




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TEMPERATURE-DEPENDENT **EQUALIZATION DEVIATION (dB)**



ATTENUATION (dB)

FIG. 37 PRIOR ART